

ATTORNEY'S DOCKET NO: 224648

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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |   | DATE: <u>24</u> May 2001 ( <u>24</u> .05.2001)                                       |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |   | U.S. APPL. NO. <u>09/1856684</u><br>Not Yet Assigned                                 |
| INTERNATIONAL APPLICATION NO.:<br>PCT/FR99/02977   | INTERNATIONAL FILING DATE:<br>01 December 1999 (01.12.99) | PRIORITY DATE CLAIMED:<br>01 December 1998 (01.12.98)<br>01 December 1998 (01.12.98) |
| TITLE OF INVENTION: <b>METHOD AND APPARATUS FOR INCINERATING AND VITRIFYING WASTE, IN PARTICULAR RADIOACTIVE WASTE</b>   |   |  |
| APPLICANT(S) FOR DO/EO/US: 1) BRUNELOT, Pierre, 2) LACOMBE, Jacques, 3) MERLIN, Serge, 4) ROUX, Patrice, 5) THIEBAUT, Valérie, 6) CHOI, Kwan-Sik, 7) SONG, Myung-Jae.  |   |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |   |  |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.  |   |  |
| 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items (5), (6), (9) and (21) indicated below.   |   |  |
| 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  |   |  |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):   |   |  |
| a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).   |   |  |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |   |  |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)  |   |  |
| 6. <input checked="" type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2).   |   |  |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |  |
| a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  |   |  |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |   |  |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |   |  |
| d. <input checked="" type="checkbox"/> have not been made and will not be made.  |   |  |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |   |  |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |
| 10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).   |   |  |
| <b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b>   |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |   |  |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |   |  |
| 13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.  |   |  |
| 14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment  |   |  |
| 15. <input type="checkbox"/> A substitute specification.   |   |  |
| 16. <input type="checkbox"/> A change of power of attorney and/or address letter.  |   |  |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825  |   |  |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)   |   |  |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)   |   |  |
| 20. <input checked="" type="checkbox"/> Other items or information:<br>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 00/32524; INTERNATIONAL PUBLICATION DATE 8 JUNE 2000; WITH ENGLISH TRANSLATION CONSISTING OF 19 PAGES INCLUDING; 11 PAGES TEXTUAL SPECIFICATION, 3 PAGES OF 15 CLAIMS; 1 PAGE OF THE ABSTRACT; 4 SHEETS DRAWINGS; ENGLISH TRANSLATION OF ANNEXES OF THE IPER; PRELIMINARY AMENDMENT TO ANNEXES WITH CLEAN COPY AND MARKED UP COPY; PCT/IPEA/416 NOTIFICATION OF TRANSMITTAL OF IPER; PCT/IPEA/409 IPER WITH ANNEXES (ENGLISH TRANSLATION INCLUDED); EXECUTED INVENTOR'S DECLARATION; ASSIGNMENT AND RECORDATION COVER SHEET; PCT/ISA/220 NOTIFICATION OF TRANSMISSION OF INTERNATIONAL SEARCH REPORT; PCT/ISA/210 INTERNATIONAL SEARCH REPORT; IDS TRANSMITTAL LETTER; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH 6 REFERENCES; PCT REQUEST; PCT/IB/301 NOTIFICATION OF RECEIPT OF RECORD COPY; PCT/IB/332 INFORMATION CONCERNING ELECTED OFFICES NOTIFIED OF THEIR ELECTION; PCT/IB/304 NOTIFICATION CONCERNING SUBMISSION OF PRIORITY DOCUMENT; PCT/IB/308. |   |  |

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>097/856684</b> | INTERNATIONAL APPLICATION NO.<br>PCT/FR99/02977 | DATE: <u>24</u> May 2001 ( <del>24</del> 05.2001) |
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| 17. <u>x</u> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b><br>Search Report has been prepared by the EPO or JPO:.....\$860.00<br><br>International preliminary examination fee paid<br>to USPTO (37 CFR 1.482).....\$690.00<br><br>No international preliminary examination fee paid<br>to USPTO (37 CFR 1.482) but international search fee<br>paid to USPTO (37 CFR 1.445(a)(2)).....\$710.00<br><br>Neither international preliminary examination fee<br>(37 CFR 1.482) nor international search fee<br>(37 CFR 1.445(a)(2)) paid to USPTO.....\$1000.00<br><br>International preliminary examination fee<br>(37 CFR 1.482) and all claims satisfied provisions<br>of PCT Article 33(2)-(4).....\$ 100.00<br><br><div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> | <u>CALCULATIONS</u><br><br>\$860.00<br><br><br><br><br><br><br><br><br>\$ 860.00 | <u>PTO USE ONLY</u> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20<br>____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ |  |
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| CLAIMS   | NO. FILED      | NO. EXTRA | RATE       |                           |        |
|--|----------------|-----------|------------|---------------------------|--------|
| TOTAL  | <u>15</u> -20= | 0         | X \$ 80.00 | \$                        | 0.00   |
| INDEPENDENT  | <u>2</u> - 3=  | 02        | X \$ 80.00 | \$                        | 0.00   |
| Multiple dependent claims(s) (if applicable)   |                |           | + \$260.00 | \$                        | 0.00   |
| TOTAL OF ABOVE CALCULATIONS =  |                |           |            | \$                        | 860.00 |
| Reduction by 1/2 for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).  |                |           |            | \$                        | 0.00   |
| SUBTOTAL =   |                |           |            | \$                        | 860.00 |
| Processing fee of \$130.00 for furnishing the English translation later than ____ 20<br>____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).              |                |           |            | \$                        | 0.00   |
| TOTAL NATIONAL FEE =   |                |           |            | \$                        | 860.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br>\$40.00 per property + |                |           |            | \$                        | 40.00  |
| TOTAL FEES ENCLOSED =  |                |           |            | \$                        | 900.00 |
|  |                |           |            | Amount to be:<br>refunded | \$     |
|  |                |           |            | charged                   | \$     |

ATTORNEY'S DOCKET NO: 24648

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|---|---|---|
| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>09/856684</b> | INTERNATIONAL APPLICATION NO.<br><br>PCT/FR99/02977 | DATE: <u>24</u> May 2001 ( <u>24</u> 05.2001) |
|---|---|---|

a. ☒ Two checks in the amount of \$860.00 and \$ 40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.


d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038 ☐

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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 NATH & ASSOCIATES PLLC  
 1030 15<sup>th</sup> Street, N.W.  
 Sixth Floor  
 Washington, D.C. 20005

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 \_\_\_\_\_  
 Gary M. Nath  
 Registration Number 26,965  
 Customer No. 20529

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

1) BRUNELLOT, Pierre, 2) LACOMBE, Jacques, 3) MERLIN, Serge, 4) ROUX, Patrice, 5) THIEBAUT, Valérie, 6) CHOI, Kwan-Sik, 7) SONG, Myung-Jae  
International Application No. PCT/FR99/02977

Serial No. NOT YET ASSIGNED

International Filing Date: 01 December 1999 (01.12.99)

Filed: May 24, 2001For: **METHOD AND APPARATUS FOR INCINERATING AND VITRIFYING WASTE, IN PARTICULAR RADIOACTIVE WASTE**TRANSMITTAL LETTER

Commissioner of Patents  
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 00/32524  
International Publication Date: 8 June 2000 (08.06.00)  
with verified English translation which consisting of 19 pages including:
  - 11 pages Textual Specification
  - 3 pages of 15 claims
  - 1 page of the abstract
  - 4 Sheets of Drawings
- (4) English translation of annexes (corrected sheets of claims) of the International Preliminary Examination Report)
- (5) Preliminary Amendment to annexes
- (6) PCT/IPEA/416 Notification of Transmittal Of International Preliminary Examination Report
- (7) PCT/IPEA/409 International Preliminary Examination Report with annexes (English translation included)
- (8) Executed Declaration/Power of Attorney
- (9) Assignment and Recordation Cover Sheet
- (10) PCT/ISA/220 Notification of Transmission of International Search Report/Declaration
- (11) PCT/ISA/210 International Search Report
- (12) Information Disclosure Statement Transmittal Letter
- (13) Information Disclosure Statement
- (14) PTO Form 1449 with 6 references
- (15) PCT Request
- (16) PCT/IB/301 Notification of Receipt of Record Copy
- (17) PCT/IB/332 Information Concerning Elected Offices Notified Cf Their Election
- (18) PCT/IB/304 Notification Concerning Submission of Priority Document
- (19) PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices
- (20) Check No. 14762 \$860.00 for Government Filing Fee
- (21) Check No. 14763 \$ 40.00 for recordation fee
- (22) Postcard for early notification of serial number.

Date: May 24, 2001  
NATH & ASSOCIATES PLLC  
1030<sup>th</sup> 15<sup>th</sup> Street, NW - 6<sup>th</sup> Floor  
Washington, D.C. 20005  
GMN/dd:PCTappl.trans

Respectfully submitted,  
NATH & ASSOCIATES PLLC

By: 

Gary M. Nath  
Registration No. 26,965  
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